

5

Massage carriage**Claims**

10

1. Massage carriage for use in a massage chair or similar that can be moved back and forth along a frame in the massage chair or similar, comprising a drive (1), a first shaft that can be moved by the drive (1) and a second shaft that can be moved by the drive (1), two first arms (3), which are connected to the first shaft, can be moved by the first shaft and on each of which a massage element (4) is mounted, and two second arms (6), which are connected to the second shaft and can be moved by the second shaft, one of which each acts on one of the first arms (3), such that the massage elements (4) can be moved by the drive (1) with one movement component oriented parallel to the frame and one oriented perpendicular to the frame, c h a r a c t e r i z e d i n t h a t t h e length of the second arms (6), i.e. the distance between the point of connection to the second shaft and the point of action on the respective first arm (3), is adjustable.

20

25

2. Massage carriage according to Claim 1, c h a r a c - t e r i z e d i n t h a t t h e first arms (3) are designed, and the first and second arms (3, 6) arranged, in such a way that the length of the second arms (6) can be reduced by applying a predetermined pressure on the side of the first arms (3) facing away from the second arms, against an initial tension.

30

35

3. Massage carriage according to Claim 1 or 2, c h a r a c -
t e r i z e d i n t h a t the first arms (3) are
designed, and the first and second arms (3, 6) arranged,
5 in such a way that the length of the second arms (6) can
be reduced by applying a predetermined pressure to the
side of the massage elements (4) facing away from the
first arms (3), against an initial tension.
- 10 4. Massage carriage according to one of Claims 1 to 3,
c h a r a c t e r i z e d i n t h a t the second arms
(6) display telescopic parts.
- 15 5. Massage carriage according to Claim 4, c h a r a c -
t e r i z e d i n t h a t the second arms (6) are
designed as pneumatic springs.
- 20 6. Massage carriage according to one of Claims 1 to 4,
c h a r a c t e r i z e d i n t h a t the second arms
(6) are designed as telescopic spring elements.
- 25 7. Massage carriage according to one of Claims 1 to 3,
c h a r a c t e r i z e d i n t h a t the second arms
display a toggle link (14).
- 30 8. Massage carriage according to one of Claims 1 to 7,
c h a r a c t e r i z e d i n t h a t a spring element
(10) acting against the reduction of the length of the
second arms is provided.
- 35 9. Massage carriage according to one of Claims 1 to 8,
c h a r a c t e r i z e d i n t h a t a mechanical or
electric trigger element is provided, whose actuation
allows the length of the second arms (6) to be reduced.

10. Message unit, with a message carriage according to Claim 9 and a frame along which the message carriage can be moved, c h a r a c t e r i z e d b y an operating element (8) located on the frame, by means of which the trigger
5 element can be actuated when a predetermined position of the message carriage on the frame is reached.
11. Message unit according to Claim 10, c h a r a c t e r - i z e d i n t h a t the operating element (8) is
10 located in the region of one end of the travel path of the message carriage along the frame, and designed to apply pressure to the first arms (3) in the direction of the second arms (6).
12. Message unit according to Claim 10 or 11, c h a r a c - t e r i z e d i n t h a t the operating element (8)
15 displays two rollers (9) in the direction of travel of the first arms (3) of the message carriage, by means of which the first arms (3) can be pressed towards the second arms
20 (6) when the rollers (9) are reached, where the length of the second arms (6) can be reduced by a pressure component acting in their longitudinal direction.
13. Message unit according to Claim 11 or 12, c h a r a c - t e r i z e d b y a cutoff device, upon actuation of
25 which the message carriage is moved to the end of the travel path, where the first arms (3) are pressed against the operating element (8) over a defined distance at the end of the travel path, where the message elements (4) can
30 be retracted towards the frame due to the resultant shortening of the second arms (6).
14. Message unit according to Claim 13, c h a r a c t e r - i z e d b y a sensor system, by means of which the drive
35 (1) of the message elements (4) can be switched off upon

reaching a predetermined position of the message carriage, before the first arms (3) are pressed against the operating element (8).